

How can I plot a histogram from a list of data in Python?

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In order to plot a histogram from a list of data in Python, you will need to import the necessary libraries such as matplotlib or seaborn. Then, you can use the appropriate function or method from these libraries to create a histogram plot. This will involve providing the list of data as an input, along with any desired specifications for the histogram such as number of bins or color. Once the plot is generated, you can further customize it by adding labels, titles, or adjusting the axis limits. Overall, plotting a histogram from a list of data in Python can be achieved by utilizing the appropriate libraries and functions to create a visual representation of the data distribution.

Plot Histogram from List of Data in Python

You can use the following basic syntax to plot a histogram from a list of data in Python:

```
import matplotlib.pyplot as plt
```

```
#create list of data
```

```
x =
```

```
#create histogram from list of data
```

```
plt.hist(x, bins=4)
```

The following examples show how to use this syntax in practice.

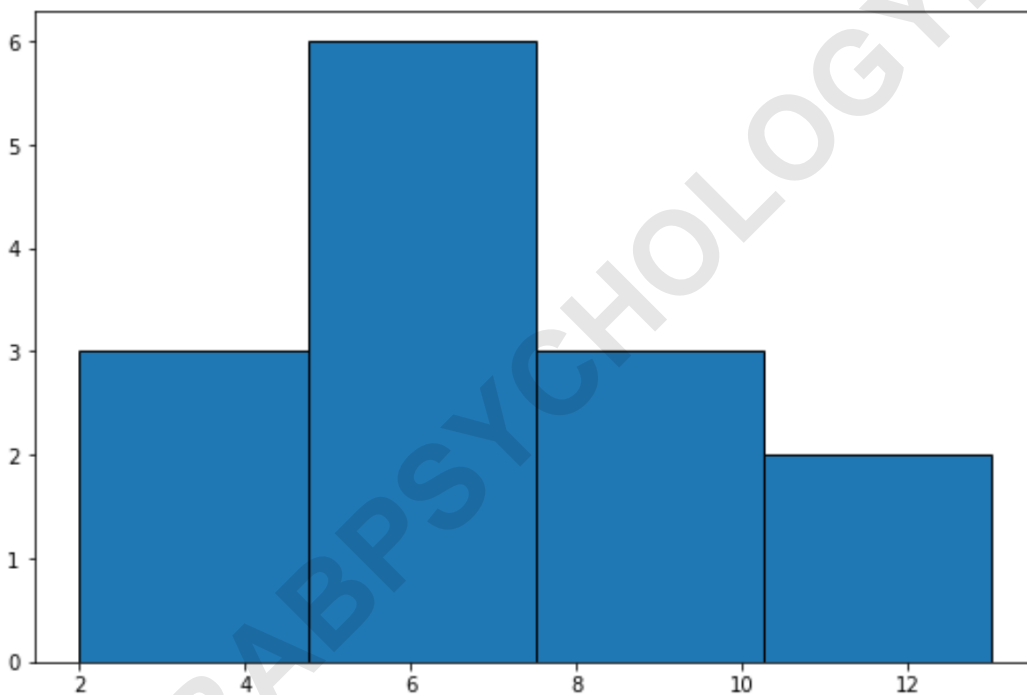
Example 1: Create Histogram with Fixed Number of Bins

The following code shows how to create a histogram from a list of data, using a fixed number of bins:

```
import matplotlib.pyplot as plt

#create list of data
x =

#create histogram with 4 bins
plt.hist(x, bins=4, edgecolor='black')
```



Example 2: Create Histogram with Specific Bin Ranges

The following code shows how to create a histogram from a list of data, using specified bin ranges:

```
import matplotlib.pyplot as plt
```

```
#create list of data
```

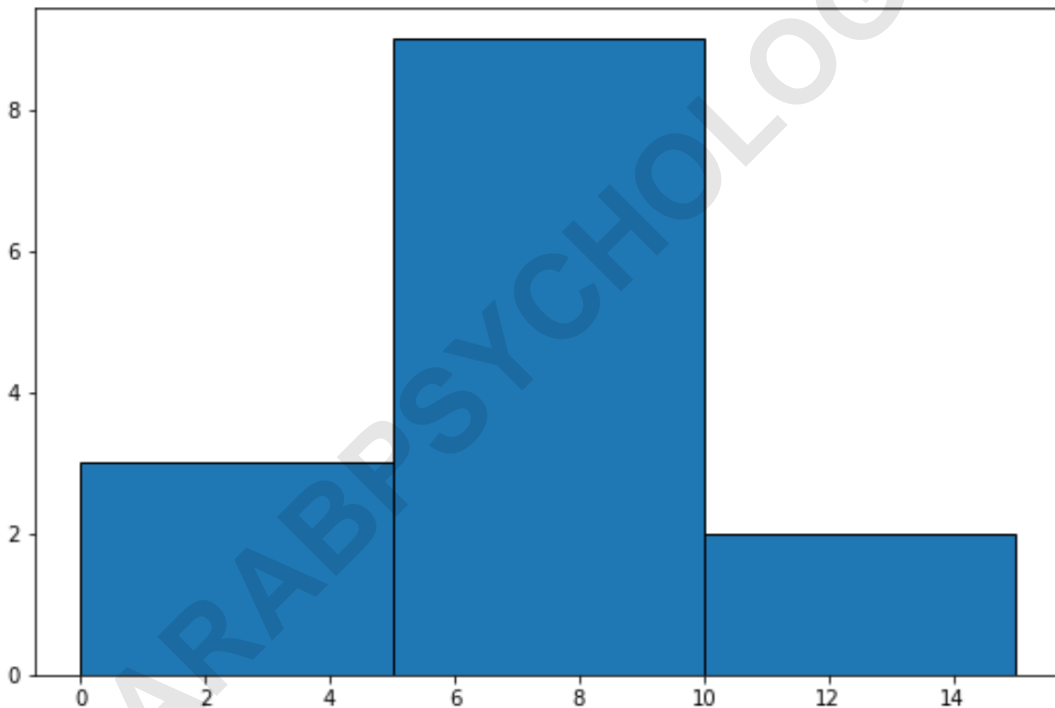
```
x =
```

```
#specify bin start and end points
```

```
bin_ranges =
```

```
#create histogram with 4 bins
```

```
plt.hist(x, bins=bin_ranges, edgecolor='black')
```



You can find the complete documentation for the Matplotlib histogram function .

The following tutorials explain how to create other

commonly used charts in Matplotlib:

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